

Converting Colors

XYZ(67.1116, 74.8680,
105.5216)

Have a look what the booklet for
XYZ(67.1116, 74.8680, 105.5216)
contains.

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Color

**XYZ(67.1194, 74.9366,
105.5344)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE7FF
RGB	187, 231, 255
RGB Percent	73%, 91%, 100%
CMY	0.2667, 0.0941, 0.0000
CMYK	0.27, 0.09, 0.00, 0.00
HSL	201°, 100%, 87%
HSV	201°, 27%, 100%
XYZ	67.1194, 74.9366, 105.5344
YIQ	220.5800, -33.9280, -1.8640

Conversions

Conversions Part 2

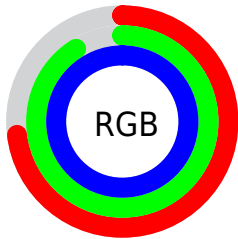
Format	Color
R_{YB}	187, 214, 255
Decimal	12314623
CIE _{Lab}	89.36, -8.90, -16.27
CIE _{LCh}	89, 18.543, 241.318
Yxy	74.9366, 0.2711, 0.3027
Android (android.graphics.Color)	4290504703 (0xFFBBE7FF)
YUV	220.5800, 16.9691, -29.4497
Hunter-Lab	86.5659, -13.0894, -11.6856

Details

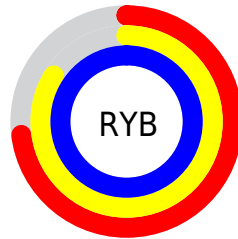
The XYZ color **67.1194, 74.9366, 105.5344** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.5039, 71.4358, 56.9299**, and the grayscale version is **68.3365, 71.8953, 78.2940**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **35.0387, 39.6427, 59.2311** is the 20% darker color. If you saturate the color by 10%, you get **58.9723, 67.0950, 104.4502**, and if you desaturate by 10%, it is **76.5077, 83.6140, 106.7145**.

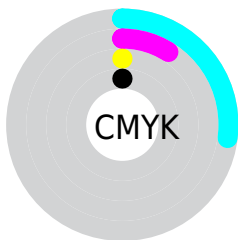
Distribution



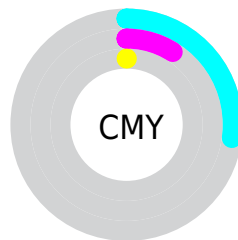
- Red (73%)
- Green (91%)
- Blue (100%)



- Red (73%)
- Yellow (84%)
- Blue (100%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1194, 74.9366, 105.5344 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 67.1194, 74.9366, 105.5344 by changing the saturation by 10% instead.

67.1194, 74.9366,
105.5344

67.1194, 74.9366,
105.5344

439.7955,
477.6996, 599.1920

49.4527, 55.5610,
80.2880

114.1403,
126.2226, 170.8601

35.1948, 39.8510,
59.4278

144.2253,
158.9018, 211.7765

23.9802, 27.4224,
42.5353

179.1804,
196.7842, 258.7533

15.4436, 17.8907,
29.1920

219.3710,
240.2543, 312.2090

9.2196, 10.8716,
18.9793

265.1625,
289.6966, 372.5622

4.9430, 5.9805,
11.4786

316.9201,

2.2482, 2.8332,

345.4952, 440.2314

6.2715

375.0093,
408.0348, 515.6352

■ 0.7680, 1.0453,
2.9394

■ 0.0000, 0.0000,
1.0638

■ 67.1194, 74.9366,
105.5344

■ 67.1194, 74.9366,
105.5344

■ 58.9723, 67.0950,
104.4502

■ 76.5077, 83.6140,
106.7145

■ 51.9999, 60.0465,
103.4572

■ 87.1872, 93.1502,
107.9923

■ 46.1380, 53.7570,
102.5522

95.0500, 100.0000,
108.9000

■ 41.3138, 48.1859,
101.7311

■ 37.4448, 43.2876,
100.9895

■ 34.4343, 39.0092,
100.3224

■ 32.1615, 35.2850,
99.7233

■ 31.5074, 34.1348,
99.5358

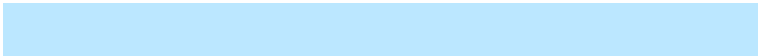
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.0289, 74.9366, 95.2817



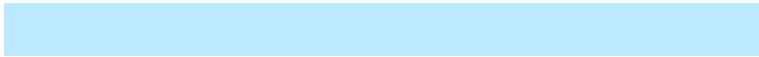
67.1194, 74.9366, 105.5344



71.4259, 74.9366, 109.2077

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.1194, 74.9366, 105.5344



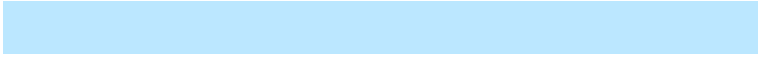
80.3077, 74.9366, 81.0197



66.7858, 74.9366, 62.0556

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.1194, 74.9366, 105.5344



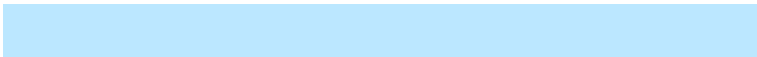
73.5039, 71.4358, 56.9299

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0245, 74.9366, 59.0767



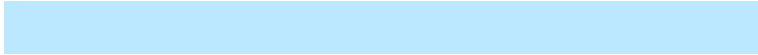
67.1194, 74.9366, 105.5344



78.9410, 74.9366, 69.2828

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1194, 74.9366, 105.5344



79.1561, 74.9366, 94.1818



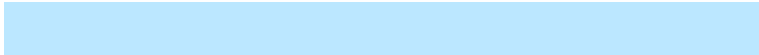
75.4947, 74.9366, 61.5778



63.8421, 74.9366, 70.1795

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1194, 74.9366, 105.5344



74.4440, 74.9366, 107.1524



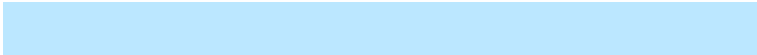
75.4947, 74.9366, 61.5778



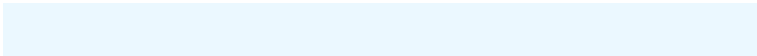
68.1002, 74.9366, 60.4606

Sweetspot

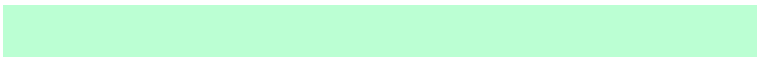
The Sweet Spot groups the original color and five complimentary colors.



67.1214, 74.9395, 105.5348



85.6853, 91.8267, 107.8160



67.9873, 86.7784, 74.6646



17.9839, 19.3394, 23.0350



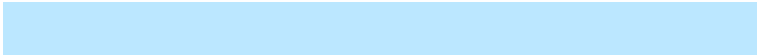
0.0000, 0.0000, 0.0000



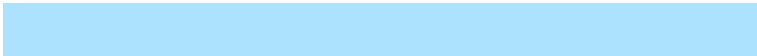
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.1214, 74.9395, 105.5348



62.6240, 70.6537, 104.9446



58.5566, 57.8098, 102.6799



17.9839, 19.3394, 23.0350



16.6091, 18.1277, 52.0582



1.7200, 1.9708, 5.1030

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73.4354, 62.5717, 83.8117



70.0159, 56.8030, 79.3722



82.8020, 90.0321, 60.0292



18.5045, 18.1851, 21.2739



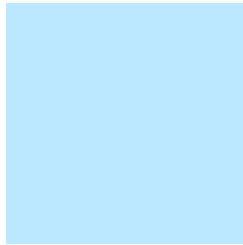
25.1717, 12.5580, 20.0864



2.5028, 1.2435, 2.2292

Previews

White Background



This preview shows how the XYZ color 67.1194, 74.9366, 105.5344 looks on a white background.

Color Contrast Check

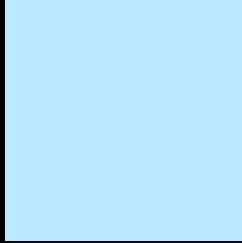
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.1194, 74.9366, 105.5344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

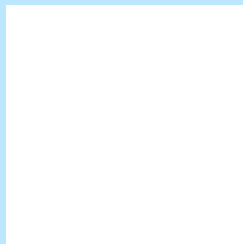
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1194, 74.9366, 105.5344

Background



This preview shows how black text looks on a background with the XYZ color 67.1194, 74.9366, 105.5344.

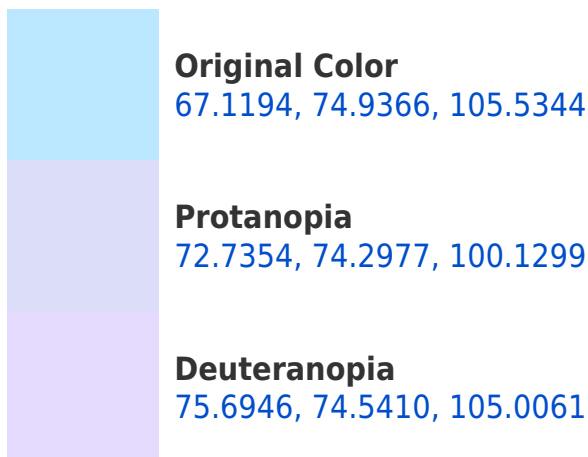


This preview shows how white text looks on a background with the XYZ color 67.1194, 74.9366,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

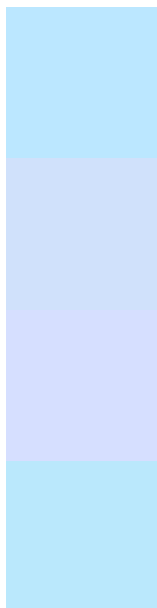




Tritanopia

66.3616, 75.0545, 101.4318

Trichromacy



Original Color

67.1194, 74.9366, 105.5344

Protanomaly

70.3502, 74.2254, 101.8859

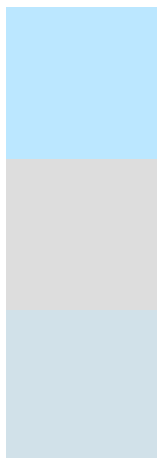
Deuteranomaly

72.1692, 74.2915, 105.1437

Tritanomaly

66.6770, 75.1806, 103.0925

Monochromacy



Original Color

67.1194, 74.9366, 105.5344

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.9277, 73.2889, 87.6568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1194, 74.9366, 105.5344 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(187, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 231, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(187, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.1194, 74.9366, 105.5344 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 231, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(187, 231, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(187, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 231, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 231, 255); box-shadow:4px 4px 4px 4px rgb(187, 231, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1194, 74.9366, 105.5344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 231, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(187,  
231, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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